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# Hydrogen future in the SAŠA region

## AMBITION TO BECOME A HYDROGEN VALLEY

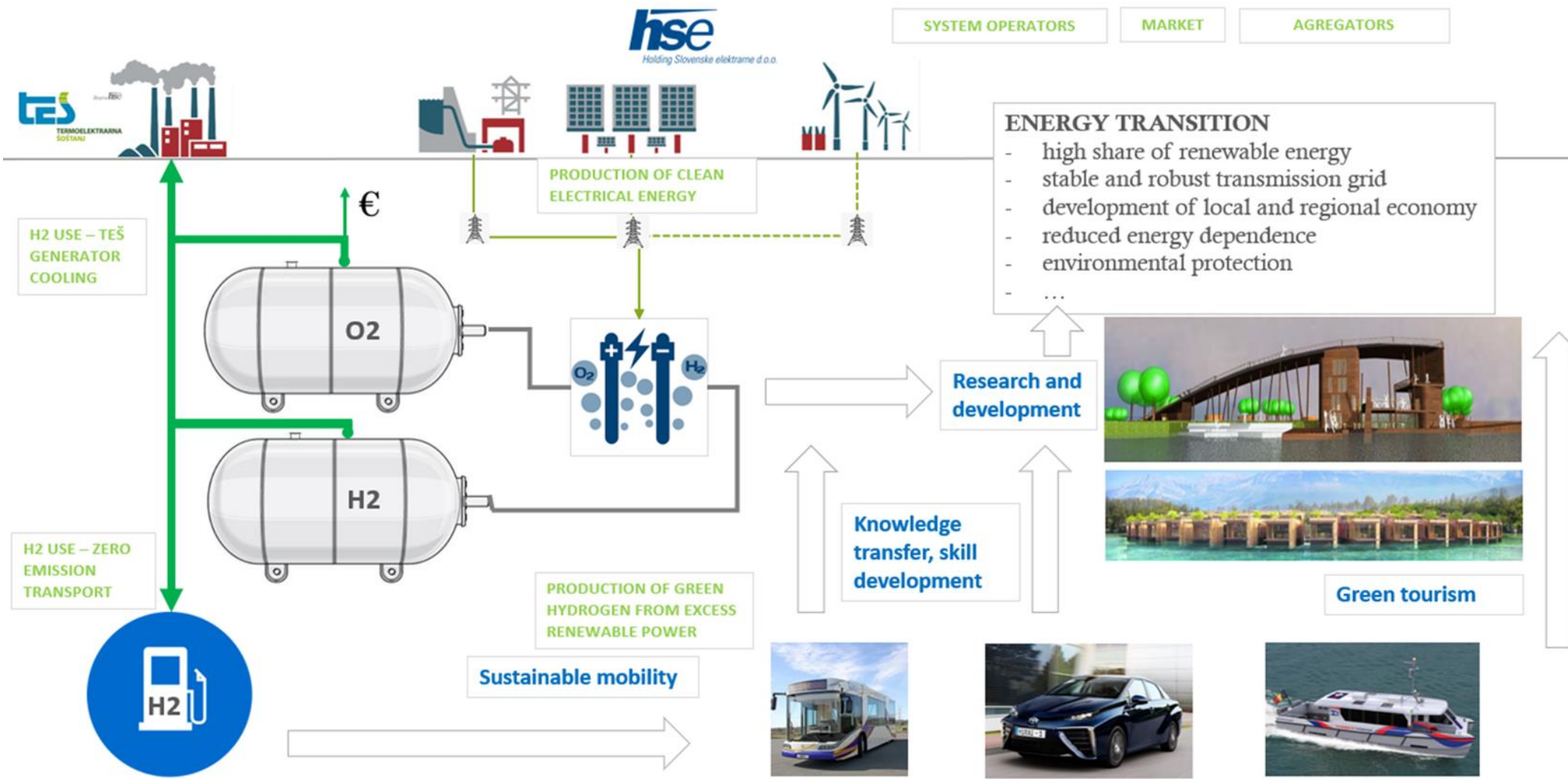
### OBJECTIVE:

Develop and deploy a replicable, balanced and integrated hydrogen economy by facilitating investment into market-ready hydrogen technologies.

### CONTEXT:

- Make use of available local hydrogen sources and apply it in applications for facilitating the energy transition, starting with zero-emission public transport.
- Build upon the deployment project to carry out coordination and support activities, targeted at raising awareness, work to include hydrogen technologies into the formal and informal educational curricula's (local /national elementary schools) as well as research and development programmes (local/national vocational high-schools and academia).
- Establish the demonstration pilot as a development platform (transfer of knowledge) that can be used to replicate similar projects across SEE and other coal intensive regions in transition.





# Main focus

The investment project is constituted from 3 key elements:

- 1.) The construction of a Hydrogen Refueling Station.
- 2.) Upgrade local hydrogen production facilities (electrolyzer, compressor units, storage, etc.).
- 3.) Modernization of the existing public transport service LokalC (currently operating EURO5 and EURO6 diesel-powered minibuses) with Fuel Cell Electric Vehicles.



# H2MA – Green Hydrogen Mobility for Alpine Region Transportation

Program: **Interreg Alpine Space Programme** –  
Dedicated to supporting interrregional cooperation across  
the Alps – Focusing on the policy change process.  
Incentives are provided for public organizations.

Overall budget: **€ 2,273,154.69**  
ERDF funds: **€ 1,704,866.01**  
National funds: **€ 568,288.68**

Program priority:  
**2: Carbon neutral and resource sensitive Alpine  
region**  
Specific objective 2.1:  
**2.1: Promoting energy efficiency and reducing  
greenhouse gas emissions**

Project duration period:  
**1st of November 2022 – 31st of October 2025**





# Partnership



LP1	Energy Agency of Savinjska, Saleska and Koroska Region	SLOVENIA
PP2	BSC, Business Support Centre, Ltd, Kranj	SLOVENIA
PP3	EUROMETROPOLE DE STRASBOURG	FRANCE
PP4	Lombardy Foundation for the Environment	ITALY
PP5	Cluster Pole Vehicule du Futur	FRANCE
PP6	Turin Metropolitan City	ITALY
PP7	Climate Partner Upper Rhine Valley	GERMANY
PP8	4ward Energy Research Ltd	AUSTRIA
PP9	Lombardy Region	ITALY
PP10	Codognotto Austria	AUSTRIA
PP11	Italian German Chamber of Commerce Munich-Stuttgart	GERMANY

Alpine countries: 5

Number of Partners: 11

Public administrations: 3

RDAs/Bussines support organizations: 4

Research organizations: 2

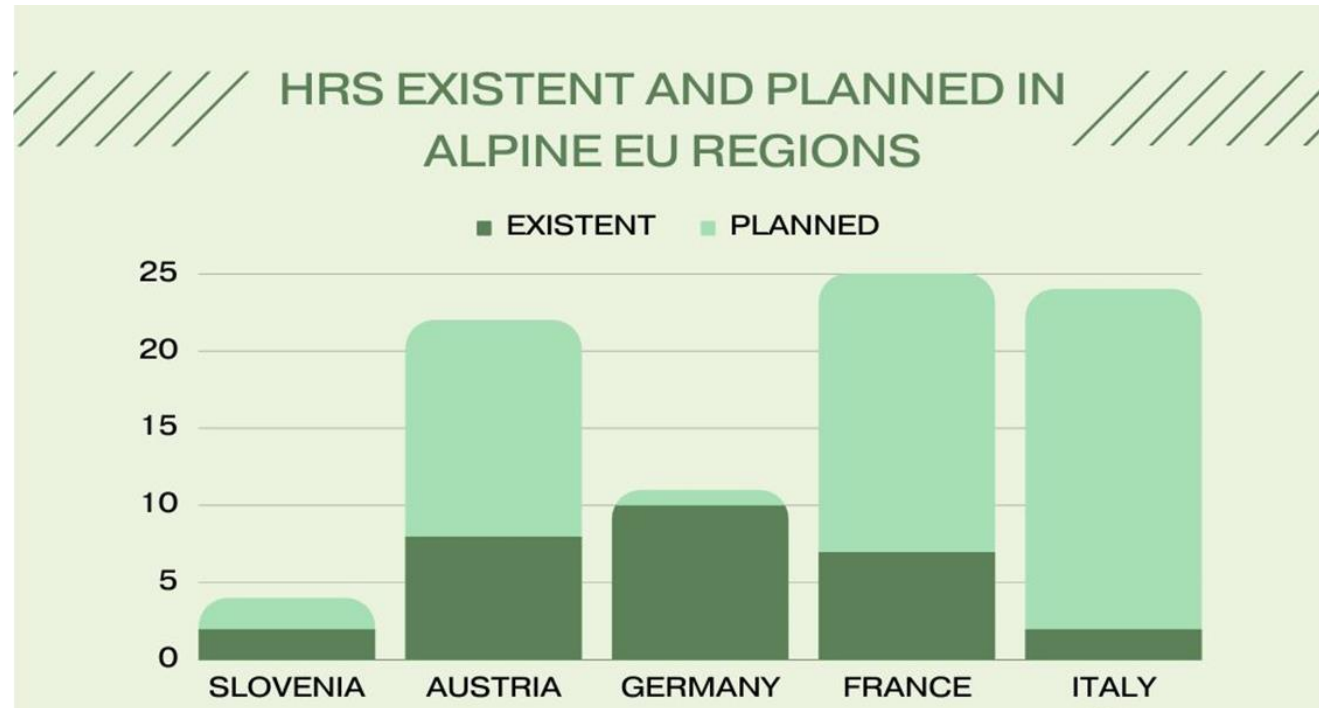
Business cluster: 1

Logistics company: 1

# Why H2MA?

Why such discrepancies in strategies and on-ground implementation?

- HRSs - Expensive OPEX and CAPEX?
- No current demand?
- Not enough grants?
- Expensive FCEVs?
- Lack of commercial FCEVs in the EU?



\*Data from the regions not involved in the H2MA project, was not included in the survey

# H2MA activities

## Resources & knowledge

## Study visits & workshops

## Focusing on HDVs, Green H2, HRSSs



## International cooperation



## Back-to-back events



## Stakeholder involvement



## Influencing policy instruments



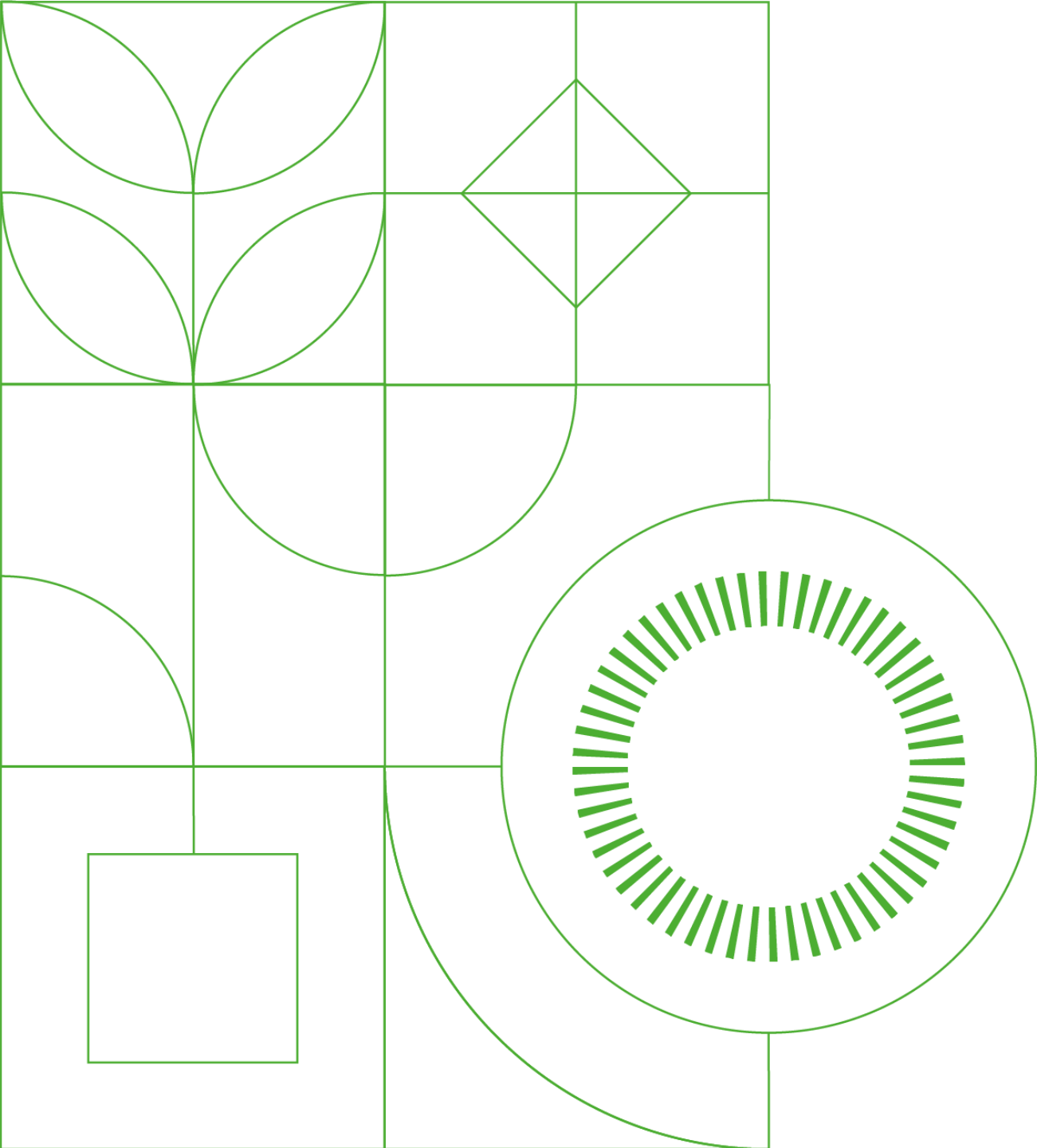
## Supporting green H2 value chain players



## H2MA tool development







**Thank you for your attention!**

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